What is claimed is:

1. A selective device recognition apparatus in a UPnP based home network, comprising:

a network stream processing unit for parsing a characteristic data stream of a device and reading a pertinent network transmission possible identifier of the device characteristic identifier; and

a network transmission judging unit for comparing the read network transmission possible identifier with a preset network transmission possible identifier and judging network transmission of characteristic data according to the comparison result.

2. The apparatus of claim 1, further comprising:

a network interface for receiving device characteristic data transmitted from a home network device; and

a transmission judgement table in which a pertinent network transmission possible identifier is matched-recorded by a device characteristic identifier read from the network stream processing unit.

3. The apparatus of claim 1, wherein the network stream processing unit includes:

a preprocessor for parsing the device characteristic data stream;

a buffer manager for temporally storing the device characteristic data parsed in the preprocessor in the buffer and outputting a registry signal corresponded thereto; and

an identifier reader for searching the device characteristic data temporally stored in the buffer according to the registry signal outputted from the buffer manager and reading a device characteristic identifier and a network transmission identifier.

4. The apparatus of claim 3, wherein the preprocessor performs parsing of the device characteristic data stream by device characteristic data units divided by a token(/).

5. The apparatus of claim 1, wherein the network transmission judging unit includes:

a device characteristic identifier detecting module for detecting a device characteristic identifier same with the device characteristic identifier read from the network stream processing unit;

a network transmission possible identifier comparing module for comparing the network transmission possible identifier detected by the device characteristic identifier detecting module with the network transmission possible identifier read from the network stream processing unit ; and

a transmission judging module for judging whether it is possible to perform network transmission of pertinent characteristic data indicated by the device characteristic identifier according to the comparison result.

6. A selective device recognition method in a UPnP based home network, comprising:

receiving a device characteristic data stream and parsing it;

reading a device characteristic identifier and a network transmission possible identifier; and

comparing the read network transmission possible identifier with a pre-recorded network transmission possible identifier and judging whether network transmission of characteristic data corresponded to the read device characteristic identifier is performed according to the comparison result.

7. The method of claim 6, wherein parsing of the received device characteristic data stream is performed by device characteristic data units divided by a token(/) or parsing of the received device characteristic data stream is performed by inserting a null string after the token in the parsing step.

8. The method of claim 6, wherein the device characteristic data stream is a request message for UPnP device recognition in a UPnP CP (control point) device.

9. The method of claim 8, wherein the request message includes inherent network transmission possible identifier information per each device characteristic identifier.

10. The method of claim 8, wherein the UPnP device includes the network transmission possible identifier, and recognition is judged by the UPnP CP device.

11. The method of claim 8, wherein the UPnP CP device and the

UPnP device exist in the same local network.

12. The method of claim 6, wherein the device characteristic data stream is an advertisement message for notifying a UPnP device itself.

13. The method of claim 12, wherein the advertisement message includes inherent network transmission possible identifier information per each device characteristic identifier.

14. The method of claim 6, wherein a pertinent network transmission possible identifier of the read device characteristic identifier is compared with a network transmission possible identifier recorded in a transmission judgement table in the network transmission judging step.

15. The method of claim 6, wherein the network transmission judging step includes the sub-steps of:

outputting a request message to a UPnP CP (control point) device in case of a message not having network transmission possible identifier information; and

sequentially comparing each network transmission possible identifier with each network transmission possible identifier of a UPnP device in case of a message having network transmission possible identifier information and transmitting a pertinent response message to the UPnP CP device according to the comparison result (coincidence).

16. The method of claim 6, wherein the network transmission judging

step includes the sub-steps of:

recognizing a UPnP device by a general recognition process in case of a message not having network transmission possible identifier information; and

sequentially comparing network transmission possible identifier information with a network transmission possible identifier of a UPnP CP device when network transmission possible identifier information is detected and recognizing a pertinent device and a service according to the comparison result (coincidence).